

CHURCH URBAN DISTRICT COUNCIL



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ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH

including the Annual Report of the
PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1965

HEALTH COMMITTEE

Councillor B. McLoughlin, Chairman.

Councillors:

A.R. ANDREWS	(to May 1965)
G.W. BRACEWELL	(from May 1965)
L.DICKINSON	(from May 1965)
G.R. DOWTHWAITE, J.P.	
W. HINDLE	
J.KELLY	
MISS C. ROGAN, J.P.	
J.RUSHTON	(to May 1965)
P.J. WALSH	(from May 1965)
T.H. WARD, J.P.	
R. YATES	

Medical Officer of Health

R.C. WEBSTER, B.Sc., M.D., B.Ch., B.A.O., D.C.H., D.P.H.

Public Health Inspector

J.L. PALK, M.A.P.H.I.

Clerk:

R. CUNLIFFE

Health Department,

Council Offices,

CHURCH.

September, 1966.

To the Chairman and Members of the
Church Urban District Council.

Mr. Chairman, Mesdames and Gentlemen,

I have the honour to present to you my Annual Report on the Health and Sanitary Administration of the Urban District of Church for the year ending 31st December, 1965.

One notices immediately that there is a sharp decline in the birth rate for the Urban District, but one must observe this with caution, since in relatively small figures too much must not be read into the figures for a single year, but one must say that this decline from 1964 is a very decided one from 123 births to 96 births. During the year the amount of infectious disease was negligible.

You will notice in the report the very great volume of day to day work which is carried out by your Senior Public Health Inspector and it is particularly gratifying to note that steady progress is being made in dealing with the substantial amount of property in the area which has long exceeded its useful and satisfactory life.

I thank you, Mr. Chairman and members of the Committee for your ready help and co-operation throughout the year and I would pay special tribute to the ready help and co-operation given me by the other officials of the authority and in particular by Mr. Palk.

I am,

Yours obediently,

R.C. WEBSTER

Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in Acres	528
Population (Census, 1961)	5,888
Population estimated mid - 1965	5,850
Number of inhabited houses (end of 1965 according to rate books) ..	2,027
Rateable Value	£140,186
Sum represented by a Penny Rate	£487

SOCIAL CONDITIONS AND CHIEF INDUSTRIES IN THE AREA

Present industries include cotton and rayon weaving, engineering, printing and electrical welding.

There have been no special noteworthy cases of sickness or invalidity during the year, nor does there appear to be any conditions of occupation or environment which have been prejudicial to health.

VITAL STATISTICS

Population

The Registrar-General's estimate of the population for mid-year 1965 is 5,850 which is the same as the previous year.

The census of 1951 revealed a population of 5,199, whilst that of 1961 indicated the number of persons living within the district to be 5,888.

<u>Live Births</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	90	42	48
Illegitimate	<u>6</u>	<u>5</u>	<u>1</u>
	96	47	49
	—	—	—

Still Births

Legitimate	2	2	—
Illegitimate	<u>1</u>	<u>1</u>	<u>—</u>
	3	3	—
	—	—	—

Total Registered Births

Total Registered Births, 1965	96
Total Registered Births, 1964	123

Live Birth Rate

For the year 1965 per 1,000 estimated population	16.4*
For the year 1964	21.0
For 5 year's average 1960 - 1964	18.8

* 1965 adjusted birth rate comparability factor 1.05 = 17.2 per 1,000.
England and Wales 1965 18.1 per 1,000.

Still Birth Rate

Rate per 1,000 total (live and still) births 1965 30.3
Rate per 1,000 total (live and still) births 1964 8.1

<u>Total Registered Deaths</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
1965	29	34	63
1964	41	46	87

Crude Death Rate

For 1965 per 1,000 estimated population 10.8
For 1964 14.9
Mean for 5 years 1961 - 1965 13.0
Corrected death rate (comparability factor 1.21) 13.0
England and Wales, 1965 11.5

Deaths of Infants under 1 year of age

<u>1965</u>	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Total</u>
Male	1	-	1
Female	-	-	-
<u>1964</u>			
Male	1	1	2
Female	1	-	1

Death Rate of Infants under 1 year of age

All infants per 1,000 live births, 1965 10.4
All infants per 1,000 live births, 1964 24.4

Deaths of Infants under 4 weeks of age

<u>1965</u>	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Total</u>
Male	-	-	-
Female	-	-	-

Deaths of Infants under 1 week of age

<u>1965</u>	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Total</u>
Male	-	-	-
Female	-	-	-
<u>1964</u>			
Male	1	1	2
Female	1	-	1

Neo-natal mortality rate per 1,000 live births 1965 - Nil

Neo-natal mortality rate per 1,000 live births 1964 - 24.4

Early Neo-natal mortality rate per 1,000 live births 1965 - Nil

Early Neo-natal mortality rate per 1,000 live births 1964 - 24.4

Perinatal mortality rate per 1,000 total births 1965 - 30.3

Perinatal mortality rate per 1,000 total births 1964 - 32.3

CAUSES OF DEATH DURING 1965.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis, respiratory	-	-	-
Tuberculosis, other	-	-	-
Syphilitic disease	-	-	-
Diphtheria	-	-	-
Whooping Cough	-	-	-
Meningococcal infections	-	-	-
Acute poliomyelitis	-	-	-
Measles	-	-	-
Other infective and parasitic diseases ...	-	-	-
Malignant neoplasm, stomach	-	2	2
Malignant neoplasm, lung, bronchus	4	1	5
Malignant neoplasm, breast	-	1	1
Malignant neoplasm, uterus	-	-	-
Other malignant and lymphatic neoplasms ..	3	3	6
Leukaemia, aleukaemia	-	-	-
Diabetes	-	-	-
Vascular lesions of nervous system	4	6	10
Coronary disease, angina	6	8	14
Hypertension with heart disease	-	1	1
Other heart diseases	-	5	5
Other circulatory diseases	1	2	3
Influenza	-	-	-
Pneumonia	3	1	4
Bronchitis	3	1	4
Other diseases of respiratory system	-	-	-
Ulcer of stomach and duodenum	-	-	-
Gastritis, enteritis and diarrhoea	-	-	-
Nephritis and nephrosis	-	-	-
Hyperplasia of prostate	-	-	-
Pregnancy, childbirth and abortion	-	-	-
Congenital malformation	-	-	-
Other defined and ill-defined diseases ...	2	2	4
Motor vehicles accidents	1	-	1
All other accidents	1	-	1
Suicide	1	1	2
Homicide and operations of war	-	-	-
	<hr/> 29	<hr/> 34	<hr/> 63 <hr/>

PREVALENCE OF AND CONTROL OVER INFECTIOUS

DISEASES

NOTIFIABLE DISEASES, 1965.

The numerical and age incidence of infectious diseases is shown in the following table.

TABLE I

Notifiable Diseases.	Total cases at all ages.	Total Cases Notified										Total Deaths.
		Age Period - Years										
		0-	1-	2-	3-	4-	5-	10-	15-	25 & over	Age unknown.	
Measles.....	31	2	6	5	3	6	9					
Dysentery ..	6						1	1	2	2		
		0-	5-	15-	45-	65 & over	Unknown					
Tuberculosis Respiratory..	1						1					
Meninges & C.N.S.....												
Other	1						1					
Total	39											

PUBLIC HEALTH (TUBERCULOSIS REGULATIONS) 1952.

Tuberculosis

Cases of tuberculosis were admitted to various Sanatoria under the Regional Hospital Board. The Tuberculosis scheme is administered by the Lancashire County Council and Regional Hospital Board and the Public Health Department is notified of housing conditions and environment generally. Necessary disinfection is carried out by the Public Health Department.

TABLE II

No. of Persons on Register 31st December, 1965.									
Total Cases.	Pulmonary			Non-Pulmonary			Pulm. & Non-Pulm.		
	M.	F.	Total.	M.	F.	Total	M.	F.	Total.
11	7	4	11	-	-	-	7	4	11

There is no evidence of excessive incidence of or mortality from tuberculosis in any particular occupation in the district.

The Mass Radiography Unit visited the town during October. 1,864 persons attended for examination and 43 abnormalities of various kinds were discovered.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action has been necessary under the above regulations, which concern workpeople, suffering from tuberculosis, in the milk trade.

Public Health Act, 1936, Section 172.

Removal to hospital of infectious persons suffering from tuberculosis of the respiratory tract.

No action was necessary.

Disinfection after Infectious Disease.

Rooms of houses were disinfected during the year by means of spraying with a disinfectant.

National Assistance Act, 1948, Section 47.

Removal to suitable premises of persons in need of attention.

No action was necessary.

The following Sections of the Report, viz:-

SANITARY CIRCUMSTANCES OF THE AREA
including PUBLIC CLEANSING, HOUSING
and INSPECTION AND SUPERVISION OF
FOOD

have been prepared by
Mr. J.L.PALK, Public Health Inspector,
(Cert. S.I.Bd., Cert. R.S.I. Meat and other Foods,
Cert. R.S.I. Smoke Inspectors).

SANITARY CIRCUMSTANCES OF THE AREA

Water supply.

The water is obtained from moorland catchment area and deep wells, and supplied by the Calder Water Board, Burnley.

Water is supplied from the public mains direct to all houses and the supply is considered generally satisfactory in respect both of quality and quantity throughout the area.

Closet Accommodation.

No. of movable ashbins	2197
No. of pail closets	2
No. of fresh water closets	2267
No. of waste water closets	683
No. of houses which have no separate closet accommodation ...	59
No. of houses not on water carriage system	2

Closet Conversions.

No. of waste water closets to fresh water P.H.A., 1936 ...	25	
H.A., 1949-54 ...	<u>19</u>	44

The cost of this unsavoury work is rising and the Council's contribution of £10 is now less than one third of the cost of conversion.

Waste Water Closets and Drains.

174 complaints of choked waste water closets and drains have been attended to by Local Authority workmen. Although 135 were cleansed 39 were referred to the owner for cleansing and repair.

74 waste water closets were abolished during the year by either conversion or the demolition of the house. If progress by these two methods can be maintained this insanitary appliance will be abolished within 10 years.

Swimming Baths and Pools.

There are no baths or pools within the district.

Schools.

There are four schools within the district - all denominational, three of which are more than 50 years old. The standards of these premises cannot be said to be equal to those of the present day. In one school the sanitary accommodation for the boys requires improving.

AIR POLLUTION

In this small urban district the procedure set out in three Acts of Parliament is followed to ensure that the inhabitants are able to enjoy clean air as follows:-

- a) Clean Air Act, 1956 - to control industrial and domestic smoke.
- b) Public Health Act, 1936 - to control the emission of offensive odours from industrial plant.
- c) Alkali etc. Works Regulation Act, 1906, as extended by Alkali etc. Works Orders 1928-1963. - to maintain contact with H.M. Alkali etc. Works Inspector in regard to certain industrial works.

a) Clean Air Act, 1956.

i). Industrial Smoke.

During the year two firms changed from the burning of coal to that of oil and smoke emissions are now a rarity. The regular compliance of the regulations by two other coal burning factories is not observed.

ii). Domestic Smoke.

No. 4 Smoke Control Area came into operation on the 1st December, 1965. Most of the conversions were carried out by that date, but the Council houses contract was a little behind hand in its completion date.

No. 5 Area - Part of St. James' Ward, is being prepared for submission to the Ministry of Housing & Local Government. This area consists of 305 houses which were built 80 - 100 years ago.

b) Public Health Act, 1936.

During the summer months at certain times an offensive odour is emitted from a factory where the trade of fat melting is carried on.

An expensive form of deodorising has been installed consisting of washing the offending gases with mains water to remove the soluble mal-odours, and chlorinating the remaining insoluble mal-odours. This usually absorbs the odours except for occasional breakdowns. However, during the particular process of filling the cookers offensive odours are liberated to the atmosphere causing complaint.

The management are investigating a newly designed plant which processes and cooks the fat quicker and without contact with the atmosphere and now propose to install this plant in 1966.

c) Alkali etc. Works Regulation Act, 1906 as extended by Alkali etc. Works Orders, 1928 - 1963.

Although factories coming within the scope of this legislation are not situate within the district, the condition of the atmosphere is affected detrimentally by manufactur~~ers~~ situate outside the district. The energies of the other local authorities and the H.M. Alkali etc. Inspector are directed to obtain improvements.

Details of Smoke Control Areas.

a) No. of orders submitted to Ministry during year	0
b) No. of orders confirmed by Ministry during year	1
c) Total number of orders in force at end of year	4
d) No. of houses and other buildings involved in	a)
	in b)
	and in c)
	0
	224
	1026

Noise Abatement Act, 1960.

(i) No. of complaints investigated	1
(ii) Details of formal action taken	0

SMOKE CONTROL AREAS



PUBLIC CLEANSING 1965-66.

Refuse Removal.

A complete weekly service providing 52 collections was attained for the fourth year in succession. However there is immense difficulty in retaining labour for this dirty, arduous work which has to be performed in all weathers.

Provision of Dustbins.

The maintenance of dustbins in this district is a Local Authority responsibility, and this factor will be exceedingly useful in the event of any change in the type of refuse receptacle.

The Health Committee considered the different types of refuse receptacles and have decided to purchase high density polythene bins of weight 10 lbs. each.

Refuse Disposal.

Domestic refuse and certain other refuse is disposed of at the tip at Far Holmes in accordance with the best available method. This form of sanitary disposal of refuse is dependent upon a plentiful supply of suitable cover such as furnace ashes and dust, and unfortunately this material is becoming very difficult to obtain.

The present land, which is used for tipping, previously belonged to Oswaldtwistle U.D.C. Their sewage beds are provided with ash, clay and soil which can be used for cover, but the maintenance of good roads in wet weather causes some difficulty.

The stream, Tinker Brook, adjoins the tip and regular cleansing and dredging is necessary to confine the stream to its banks.

Salvage.

The separation of salvable material from household and factory refuse has continued throughout the year.

The following is a summary of materials collected and sold:-

	T.	C.	Q.	£.	s.	d.
Waste Paper	114	2	3	856	0	8
Textiles	4	2	2	47	13	2
Ferrous Metals ..	2	11	0	20	8	0
	120	16	1	924	1	10

The amount of salvage sold continues to play an important part in the refuse collection and disposal accounts.

COST STATEMENT

Year ended 31st March, 1966.

SUMMARY.

Item	Particulars	Collection	Disposal	Total
	<u>Revenue Account</u>			
	<u>Gross Expenditure</u>	£	£	£
1	1. Labour	2599	906	3505
	2. Transport.	1570	140	1710
	3. Plant, equipment, land and buildings.	332	1307	1639
	4. Other items.	---	---	---
	5. Total Expenditure.	4501	2353	6854
2	Income.	---	1781	1781
3	Nett cost.	4501	572	5073
4	Capital expenditure met from Revenue (included above)	---	---	---
	<u>UNIT COSTS</u>	s.d.	s.d.	s.d.
5	Gross cost per ton labour only.	32.2	11.2	43.4
6	Gross cost per ton transport only.	19.48	1.73	21.21
7	Nett costs (all expenditure) per ton.	55.8	7.1	62.9
		£	£	£
8	Nett cost per 1,000 population.	769	98	867
9	Nett cost per 1,000 premises.	2103	267	2370
10	Area in acres.....		528	
11	Population 30. 6. 65		5850	
12	Estimated total refuse collected (tons)		1612	
13	Estimated weight (cwts) per 1,000 population per day (365 to year)		15.1	
14	Number of premises from which refuse is collected		2140	
15	Average haul by collection vehicle to disposal point (miles)5	
16	Number of emptyings during year		52	

FACTORIES

The number of factories on the register in accordance with the provisions of the Factory Act, 1961, is 32 Power.

Power Factories.

Thirty-four inspections were carried out in respect of sanitary accommodation.

Outwork.

The number of persons employed as outworkers in accordance with Section 133 was 3.

SANITARY INSPECTION 1965.

Number of premises visited	2787
Defects or nuisances discovered	784
Defects or nuisances abated	739
Number of notices served - a) Informal	512
b) Statutory	0
Legal proceedings	0

CLASSIFICATION OF INSPECTIONS.

Inspection of District	68
Houses - Complaints and re-visits	439
Interviews - Owners and property repairers	125
Choked waste water closets and drains	190
Examining drains whilst work in progress	10
New drains	35
Conversion of waste water closets	61
Dust Bins	135
Refuse removal and disposal	355
Salvage	102
Street Cleansing	145
Public Conveniences	43
Factories	34
Food and Drugs Act - Food preparing and retail premises, viz:-	
Meat pigs and sausage, bakehouse, cafe kitchens and canteens,	
grocers, confectioners, butchers, fried fish and licensed	
premises	83
Carried forward	1825

Classification of Inspections. (continued).

Brought forward

1825

Offices and Shops	30
Atmospheric pollution - investigations and interviews	15
observations - industrial	33
observations - domestic	25
smoke control areas - inspections and interviews	500
Offensive trade	29
Infectious diseases and food poisoning	11
Dirty and/or verminous premises	4
Rodent control	27
Council houses - Tenancies, inspections and interviews (estimated).	150
Sundry inspections	42
Rodent Control - Operator's visits	50
Petroleum Acts	6
	<hr/>
	2747

IMPROVEMENT EFFECTED

Dwelling houses:-

Roofs	8
Gutters	8
Downspouting	4
Windows - sash cords	-
Windows - repairs	3
Ceiling plaster	3
Wall plaster	3
Floors	2
Doors	-
Internal walls waterproofed	-
External walls	3
Chimney stacks and flues	2
Waste water closets and drains	166
Water closets	-
Dust bins	85
Dust bin lids	25
Cleansed and/or vermin destroyed	-
Sinks and waste pipes	1
Miscellaneous	1
Water supply	4
Defects found - houses closed	36
Food Premises - wash basins and sinks etc	10
Offices and Shops	-
Rats and Mice - treatment	52
Factories	2
Clean Air Act - industrial	3
Clean Air Act - smoke control	304
Refuse deposits	7
Miscellaneous	<u>7</u>
	739

RODENT CONTROL

Prevention of Damage by Pests Act, 1949.

The rodent control scheme has continued throughout the year with much success.

Treatment has been carried out using the methods as recommended by the Directorate of Infestation Control.

During the year free treatment to dwelling houses was given by the Local Authority.

Thirty treatments against rodents were carried out as follows:-

	<u>Type of Property.</u>		
	<u>Non-Agricultural.</u>		<u>Agricultural.</u>
	<u>Dwelling Houses.</u>	<u>All other.</u>	
(a) No. of properties in district	2107	376	5
(b) No. of properties inspected	23	30	5
(c) Total inspections carried out (inc. re-inspections).....	32	58	5
(d) No. of properties inspected which were found to be infested by:-			
Rats - Major	-	-	-
Minor	11	24	-
Mice - Major	-	-	-
Minor	12	6	-
(e) No. of infested properties treated	23	30	-
(f) Total treatments carried out (inc.re-treatments).	21	35	-
(g) No.of "Block" control schemes carried out.	-	-	-

Two treatments of the sewers have been carried out, which in my opinion, play a large part in reducing the rat population of the district; and defective drains, which were permitting egress of rats, have been remedied.

HOUSING

(a) HOUSING STATISTICS

1. Number of new houses erected during the year:-	<u>Houses</u>	<u>Flats</u>
(i) By the local authority	-	-
(ii) By other local authorities	-	-
(iii) By other bodies or persons	30	-
2. Total No. of dwellings owned by any local authority existing in district at end of year		378
3. <u>Inspection of dwellinghouses during the year:-</u>		
(i) (a) Total number of dwelling houses inspected formally or informally for housing defects (under Public Health or Housing Acts)		91
(b) Number of inspections, formal or informal, made for the purpose		145
(c) No. of dwelling houses in (a) above, found to be not in all respects reasonably fit for human habitation but capable of being rendered fit		28
(ii) Total number of dwelling houses existing at end of the year which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which:-		
(a) Demolition Orders have been made (at any time)		5
(b) Demolition or Closing Orders have not yet been made		30
4. <u>Houses Demolished.</u>		
<u>In Clearance Areas.</u>	<u>Houses</u> <u>Demolished</u>	<u>Displaced during</u> <u>Year</u> <u>Persons</u> <u>Families</u>
(i) Houses unfit for human habitation.	39	- -
(ii) Houses included by reason of bad arrangement, etc.....	1	25 9
(iii) Houses on land acquired under Section 43(2) Housing Act, 1957..	-	- -
<u>Not in Clearance Areas.</u>		
(iv) As a result of formal or informal procedure under Section 17 (1), Housing Act, 1957	-	- -
(v) L.A. owned houses certified unfit by the M.O.H.....	-	- -
(vi) Houses unfit for human habitation where action has been taken under local Acts	-	- -
(vii) Unfit houses included in Unfitness Orders.....	-	- -
5. <u>Unfit Houses Closed.</u>	<u>Number</u>	
(i) Under Sections 16(4), 17(1) and 35 (1) Housing Act, 1957	3	- -
(ii) Under Sections 17 (3) and 26 Housing Act, 1957	-	- -
(iii) Parts of buildings closed under Sec.18 Housing Act, 1957	-	- -

6. Unfit Houses made Fit and House in Which Defects were Remedied.

(i)	By owner after informal action by local authority	14
(ii)	After formal action under Sec. 9 and Sec. 16 of the Housing Act, 1957 a) owner	0
	b) by local authority	0
(iii)	After formal notice under Public Health Acts	0
(iv)	After modification or revocation of a clearance order under Sec. 21 of the Housing Act, 1961	0
(v)	After determination of a demolition order under Sec. 24 of the Housing Act, 1957	0
(vi)	After determination of a closing order under Sec. 27 of the Housing Act, 1961	0

7. Unfit Houses in temporary use, (Housing Act, 1957).

No action necessary.

8. Purchase of Houses by Agreement:-

<u>Number of Houses.</u>	<u>Number of occupants of houses in Column (1).</u>
(1)	(2)
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
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96	96
97	97
98	98
99	99
100	100

Houses in proposed Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders purchased during the year

9. Housing Act, 1949, Improvement Grants etc.

Number of dwelling houses or other buildings affected in schemes of:-

Action during year:- Private Bodies
or individuals. Local Authority.

(i)	Submitted by private individuals to Local Authority	5	-
(ii)	Approved by Local Authority	5	-
(iii)	Submitted by local authority to Ministry	-	-
(iv)	Finally approved by Ministry	-	-
(v)	Work completed	2	-
(vi)	Additional separate dwellings included in (v) above	-	-
(vii)	Any other action taken under the Act. (give brief particulars).	-	-

Loans granted for improvement of houses to persons who purchase houses under Small Dwellings Acquisition Act.

10. House Purchase and Housing Act, 1959, Housing Acts, 1961 and 1964 - Standard Grants.

(i) Applications submitted to local authority for improvements to	a) full standard	30
	b) reduced standard	0
(ii) Total applications approved by local authority to	a) full standard	30
	b) reduced standard	0
(iii) Work completed		34
(iv) Particulars of any action taken relating to compulsory improvement of dwellings		0

11. Housing Conditions.

(i) Approximate number of back to back houses	26
(ii) Approximate number of back to earth houses	0
(iii) Approximate number of other houses without through ventilation	7

12. Moveable dwellings and caravan sites 0

13. Fitness of Houses.

(i) No. of houses which have not a satisfactory internal water supply	Not known - believed to be a few hundred.
---	---

(ii) No. of houses which have no separate closet accommodation .. 59.

Unsatisfactory internal water supply.

The major portion of houses in the district are supplied from the main by a $\frac{1}{2}$ " pipe, which generally feeds houses from two to even a dozen in number. The inconvenience to the occupiers can be well imagined when a burst has to be repaired or a tap washer renewed, as only one stop tap will be fitted for the group of houses.

Another unfortunate feature is that the branch supply may have been intended for a tap over the slopstone and not for a water closet and bath upstairs. Modern living requires a greater supply of water for the electric washer, the gas geyser and of course to obtain the facilities provided by the "standard grant".

The Housing Act, 1964, Section 96, recognises this deficiency and so provides that where more than one house is supplied by the same branch main the local authority may help financially the householders to install a separate supply. This Council have decided to contribute a sum of money not greater than fifteen pounds towards the cost of the expenses of The Calder Water Board providing a separate supply to an external stop tap, and including road reinstatement charges.

During the period from 1st April to 31st December no applications were received although a few householders were notified that the amount of water delivered was below the accepted standard.

HOUSING CONDITIONS

Unfit Houses.

- a) The demolition of 40 houses in Railway Street Clearance Area and Henry Street was carried out.
- b) A compulsory purchase order for the 12 houses in King Street was unopposed.
- c) A group of houses in Parsonage Street, in which 8 were back to back, was purchased for demolition after the tenants had been rehoused.
- d) Other unfit houses on becoming empty were purchased at site value.

In Chapel Ward there are some 530 houses. Most of the houses have been built more than 90 years ago at a higher density rate, waste water closets abound as well as joint water supply pipes. In addition to numerous ones being found unfit for human habitation, the redevelopment is overshadowed by the widening and re-routing of the main road (A 679) and its junctions. Any decision of if, when and where this road will be redeveloped is that of some other authority than this local authority.

Land for Rehousing.

The Housing Committee have endeavoured to obtain the use of the whole of 12 acres of land, purchased by the Council in 1952, for allotments, without success. At present the Ministry agree to permit approximately 9 acres to be used for housing purposes.

Until a decision is reached building on a large scale cannot begin.

CHIEF SANITARY REQUIREMENTS OF THE DISTRICT

The conversion of waste water closets.

The achievements of a cleaner atmosphere.

The paving and draining of unmade streets.

The implementation of the programme of demolishing the unfit houses.

INSPECTION & SUPERVISION OF FOOD

1. Milk Supply.

Action taken with regard to the administration of the Milk and Dairies Acts and Regulations.

The Milk (Special Designation) Regulations, 1960.

These regulations are administered by the Lancashire County Council.

2. Meat and Other Foods.

(a) There are no Slaughter Houses within the district.

83 inspections were carried out at food shops and vehicles, and I am pleased to report that on 10 occasions where it has been necessary to draw the attention of the occupiers to contraventions, improvements were effected.

(b) Number of Food Premises, indicating type of business in the district at the end of the year:-

General grocers and provisions dealers	25
Greengrocers & fruiterers (including those selling wet fish, game, etc)....	7
Fishmongers (including those selling poultry, game, etc)	0
Meat shops (butchers, purveyors of cooked & preserved meats, tripe etc) ...	5
Bakers and/or confectioners	5
Fried fish shops	6
Shops selling mainly sugar confectionary, minerals, ice cream, etc	12
Licensed premises, clubs, canteens, restaurants, cafes, snack bars and similar catering establishments	19
Others	8
Total	87

(c) No special examinations of food stocks or consignments were required during the year.

(d) A small quantity of condemned food was buried at the Local Authority's controlled refuse tip.

(e) Food poisoning. No cases of food poisoning were reported.

3. Adulteration of Foods.

This Local Authority is not a Food and Drugs Authority, and the work of carrying into execution and enforcing the section of the Food and Drugs Act, 1955:-

(a) Which relates to the composition of food and drugs.

(b) Which relates to additions not to be made to milk and liquids to be sold as milk;

and together with certain Orders and Regulations, with a view to securing that food and drugs are sold only in a pure and genuine condition, is performed by the County Council.

4. Number of Food Premises, by type, registered under Section 16
of the Food and Drugs Act, 1955.

Sale of Ice Cream.....	10
Manufacture of Sausages and Potted Meat	4
Manufacture of Meat Pies	5

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FACTORIES ACT, 1961.

Prescribed Particulars on the Administration of the Factories Act, 1961.

PART I OF THE ACT

1. INSPECTIONS for purposes of provisions as to health:-

Premises. (1)	Number on Register (2)	Number of		
		Inspec- tions. (3)	Written notices. (4)	Occupiers prosecuted. (5)
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities.	-	-	-	-
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority.	32	33	2	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).	1	1	-	-
Total	33	34	2	-

2. Cases in which DEFECTS were found:-

Particulars. (1)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted. (6)
	Found (2)	Remedied (3)	To H.M. Inspector. (4)	By H.M. Inspector. (5)	
Want of Cleanliness (S.1).	-	-	-	-	-
Overcrowding (S.2).	-	-	-	-	-
Unreasonable temperature (S.3).	-	-	-	-	-
Inadequate ventilation (S.4).	-	-	-	-	-
Ineffective drainage of floors (S.6).	-	-	-	-	-
Sanitary Conveniences (S.7).					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective.	-	2	-	2	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (Not including offences relating to Outwork).	-	-	-	-	-
Total	-	2	-	2	-

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

1. Introduction
2. Experimental
3. Results
4. Discussion
5. Conclusion
6. References
7. Appendix
8. Acknowledgments
9. Author's Address
10. Summary

The following table shows the results of the experiments conducted under various conditions. The data indicates a significant correlation between the variables studied.

Table 1: Experimental Data				
Run	Temp (°C)	Pressure (atm)	Yield (%)	Notes
1	25	1.0	85	Standard conditions
2	30	1.0	88	
3	35	1.0	90	
4	40	1.0	92	
5	45	1.0	95	
6	50	1.0	98	
7	55	1.0	100	
8	60	1.0	100	
9	65	1.0	100	
10	70	1.0	100	
11	75	1.0	100	
12	80	1.0	100	
13	85	1.0	100	
14	90	1.0	100	
15	95	1.0	100	
16	100	1.0	100	
17	105	1.0	100	
18	110	1.0	100	
19	115	1.0	100	
20	120	1.0	100	
21	125	1.0	100	
22	130	1.0	100	
23	135	1.0	100	
24	140	1.0	100	
25	145	1.0	100	
26	150	1.0	100	
27	155	1.0	100	
28	160	1.0	100	
29	165	1.0	100	
30	170	1.0	100	
31	175	1.0	100	
32	180	1.0	100	
33	185	1.0	100	
34	190	1.0	100	
35	195	1.0	100	
36	200	1.0	100	
37	205	1.0	100	
38	210	1.0	100	
39	215	1.0	100	
40	220	1.0	100	
41	225	1.0	100	
42	230	1.0	100	
43	235	1.0	100	
44	240	1.0	100	
45	245	1.0	100	
46	250	1.0	100	
47	255	1.0	100	
48	260	1.0	100	
49	265	1.0	100	
50	270	1.0	100	
51	275	1.0	100	
52	280	1.0	100	
53	285	1.0	100	
54	290	1.0	100	
55	295	1.0	100	
56	300	1.0	100	
57	305	1.0	100	
58	310	1.0	100	
59	315	1.0	100	
60	320	1.0	100	
61	325	1.0	100	
62	330	1.0	100	
63	335	1.0	100	
64	340	1.0	100	
65	345	1.0	100	
66	350	1.0	100	
67	355	1.0	100	
68	360	1.0	100	
69	365	1.0	100	
70	370	1.0	100	
71	375	1.0	100	
72	380	1.0	100	
73	385	1.0	100	
74	390	1.0	100	
75	395	1.0	100	
76	400	1.0	100	
77	405	1.0	100	
78	410	1.0	100	
79	415	1.0	100	
80	420	1.0	100	
81	425	1.0	100	
82	430	1.0	100	
83	435	1.0	100	
84	440	1.0	100	
85	445	1.0	100	
86	450	1.0	100	
87	455	1.0	100	
88	460	1.0	100	
89	465	1.0	100	
90	470	1.0	100	
91	475	1.0	100	
92	480	1.0	100	
93	485	1.0	100	
94	490	1.0	100	
95	495	1.0	100	
96	500	1.0	100	
97	505	1.0	100	
98	510	1.0	100	
99	515	1.0	100	
100	520	1.0	100	

3, Outwork (Sections 133 and 134).

Section 133				Section 134		
Nature of Work.	No. of out-workers in August list required by Section 133(1)(c).	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists.	No. of instances of work in unwhole- some premises	Notices served	Prose- cutions.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Iron and Steel cables and chains.	3	-	-	-	-	-
Total	3	-	-	-	-	-

OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963.

This new legislation which came into force on the 1st August, 1964, is designed to improve the safety, health and welfare facilities of the above-mentioned premises.

The number of premises on the register is as follows :-

Offices	6
Retail Shops	16
Wholesale Shops	1
Catering establishments open to the public	5

Some of the premises are visited in the course of inspection carried out under the requirements of other legislation.

Accidents to personnel involving absence of work for more than three days must be notified. No reports have been received.

